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**Serial Number:** **10/523,013**

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## Inventor Information for 10/523013

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1	US 6913348 B2	20050705	Liquid drop jet head, ink cartridge and ink jet recording apparatus	347/65		Hashimoto; Kenichiro et al.
1	US 6729711 B1	20040504	Ink jet recording apparatus	347/19	250/577; 347/7; 347/86	Hashimoto; Kenichiro et al.
1	US 6682185 B2	20040127	Liquid drop jet head, ink cartridge and ink jet recording apparatus	347/87	347/56	Hashimoto; Kenichiro et al.
1	US 6367914 B1	20020409	Electrostatic ink-jet head and method of production of the same	347/54		Ohtaka; Kouichi et al.
1	US 6312084 B1	20011106	Ink jet recording apparatus and ink cartridge for the apparatus	347/19	347/86	Ujita; Toshihiko et al.
1	US 6296354 B1	20011002	Ink container with plural ink chambers emptied sequentially, and recording apparatus having the same	347/87		Hashimoto; Kenichirou
1	US 6250731 B1	20010626	Printing apparatus with displaceable carriage guiding member	347/8	347/37; 400/56	Hashimoto; Kenichirou
1	US 6193485 B1	20010227	Seal structure for casing	418/55.1	417/902; 418/149	Ueda; Shusaku et al.
1	US 6137503 A	20001024	Ink jet recording apparatus	347/19	347/23	Hashimoto; Kenichiro et al.
1	US 6081284 A	20000627	Recording apparatus with plural ink tank configurations	347/87		Tosaka; Yoichi et al.
1	US 6022096 A	20000208	Color recording apparatus and method	347/43	347/14; 347/9	Hirasawa; Shinichi et al.
1	US 5971530 A	19991026	Refillable, evaporation-suppressing liquid container	347/86	347/87; 347/94	Hashimoto; Kenichiro
1	US	19990907	Equipment with	347/3	347/14;	Yamamoto;

	5949443 A		scanning type carrier		347/43; 347/7	Kosuke et al.
1	US 5831694 A	19981103	TFT panel for high resolution- and large size- liquid crystal display	349/43	257/E21.19; 257/E21.204; 257/E21.413; 257/E21.414; 257/E29.147; 257/E29.151; 349/143; 349/147; 349/46; 438/30	Onisawa; Kenichi et al.
1	US 5777634 A	19980707	Apparatus or instrument including scanning type functional element	347/7	347/14; 347/37	Okamura; Yoshitaka et al.
1	US 5760854 A	19980602	Liquid crystal display apparatus	349/38	257/E21.703; 349/39; 349/44	Ono; Kikuo et al.
1	US 5668379 A	19970916	Active matrix crystal display apparatus using thin film transistor	257/59	257/347; 257/72; 257/E21.703; 349/43	Ono; Kikuo et al.
1	US 5636929 A	19970610	Sheet feeding apparatus having multiple rotary members and cleaning members	400/641	347/104; 400/636; 400/701	Asano; Junichi et al.
1	US 5627570 A	19970506	Ink jet recording method using movable detection flags	347/19	347/37; 347/86	Hiramatsu; Soichi et al.
1	US 5541631 A	19960730	Ink cartridge including projection for preventing erroneous loading	347/86		Hashimoto; Kenichirou
1	US 5529407 A	19960625	Image recording apparatus	400/82	400/577	Ikeda; Kunihiko et al.
1	US 5506611 A	19960409	Replaceable ink cartridge having surface wiring resistance pattern	347/86	347/19; D18/56	Ujita; Toshihiko et al.
1	US 5504508 A	19960402	Ink receiving cap, and ink-jet recording apparatus	347/24	347/31	Hashimoto; Kenichiro

			and ink discharging method using the same			
1	US 5475413 A	19951212	Portable recording apparatus having relatively movable housing sections	347/108	400/680	Hashimoto; Kenichiro et al.
1	US 5465602 A	19951114	Press die assembly	72/347	72/352; 72/463	Hashimoto; Kenichi et al.
1	US 5431494 A	19950711	Suction and dilution device for highly viscous fluid	366/167.1	366/191; 366/339	Ishii; Katuharu et al.
1	US 5398572 A	19950321	Press die assembly and method for producing the same	76/107.1	72/347; 72/463	Hashimoto; Kenichi et al.
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1	US 5291224 A	19940301	Sheet feeding apparatus using pairs of spur rollers	346/134	101/425; 271/3.14; 347/104; 400/641	Asano; Junichi et al.
1	US 5280469 A	19940118	System for monitoring normality of operation of ATM cross-connecting apparatus	370/250	370/355; 370/399	Taniguchi; Ikuo et al.
1	US 5200277 A	19930406	Electroluminescent device	428/690	204/192.22; 204/192.23; 313/506; 313/509; 427/66; 428/216; 428/336; 428/698; 428/699; 428/701; 428/917	Nakayama; Takahiro et al.
1	US 5188270 A	19930223	Sheet conveyor having retractable pins held in a wheel for openings in a sheet	226/76	226/81; 226/87; 346/104; 400/616.3	Hiramatsu; Soichi et al.
1	US	19930126	Thin film	313/503	313/502;	Taguchi;

	5182491 A		electroluminescent device		313/506	Kazuo et al.
1	US 5173321 A	19921222	Flavored konnyaku compositon, process for preparing same and food product containing same	426/573	426/578; 426/661; 426/96; 426/99	Hosogoe; Masatoshi et al.
1	US 5168291 A	19921201	Recording apparatus and ink cassette therefor	347/19	347/29; 347/86	Hiramatsu; Soichi et al.
1	US 5156107 A	19921020	Sewing machine capable of forming plural stitch patterns	112/445	112/454; 112/458	Kyuno; Mitsuyasu et al.
1	US 5124800 A	19920623	Apparatus for reading and recording image	358/296	347/262; 347/3	Hashimoto; Kenichiro
1	US 5117329 A	19920526	Mounting structure for flexible printed wiring board having holding ribs and auxiliary ribs protruding therebetween	361/736	24/571; 361/749	Ohta; Noriaki et al.
1	US 5099172 A	19920324	Thin film electroluminescent device	313/503	313/502; 313/506	Taguchi; Kazuo et al.
1	US 5049401 A	19910917	Glucomannan product and a method to coagulate it	426/573	426/578; 426/661; 426/96; 426/99	Harada; Seiki et al.
1	US 4945009 A	19900731	Electroluminescence device	428/690	313/503; 313/506; 313/509; 428/917	Taguchi; Kazuo et al.
1	US 4900003 A	19900213	Sheet conveying apparatus	271/114	271/118	Hashimoto; Kenichiro
1	US 4877994 A	19891031	Electroluminescent device and process for producing the same	313/503	252/301.4H; 252/301.4S; 313/505; 313/506; 313/509; 427/66; 427/69; 427/70; 428/690;	Fuyama; Moriaki et al.

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1	US 4857802 A	19890815	Thin film EL element and process for producing the same	313/506	204/192.1; 313/509; 427/66	Fuyama; Moriaki et al.
1	US D302438 S	19890725	Ink ribbon cartridge	D18/12		Omino; Seiichi et al.
1	US 4750006 A	19880607	Platen for recording device	347/220	346/134; 346/146; 400/662; 428/43	Hashimoto; Kenichiro
1	US 4630073 A	19861216	Thermal head	347/205	346/139C	Hashimoto; Kenichiro
1	US 4623903 A	19861118	Thermal head	347/209	219/543; 346/139C	Hashimoto; Kenichiro
1	US 4601856 A	19860722	Method of purifying oleic acid	554/184	554/188; 554/190; 554/191; 554/195; 554/202; 554/204	Suzuki; Masao et al.
1	US 4475825 A	19841009	Non-impact printing apparatus	400/120.01	347/197; 347/218; 400/636; 400/659	Hashimoto; Kenichiro
1	US 4024195 A	19770517	Process for alkylating the ortho- position of phenol compounds	568/791	568/743; 568/747; 568/781	Yonemitsu; Eiichi et al.
1	US 3953529 A	19760427	Process for ortho- alkylation of phenol compounds	568/804	568/743; 568/747	Yonemitsu; Eiichi et al.
1	US 3742184 A	19730626	METHOD AND APPARATUS FOR AUTOMATIC ARC WELDING IN A VERTICAL POSITION	219/126	219/137PS; 219/137R; 901/16; 901/42	Arikawa; Masayasu et al.